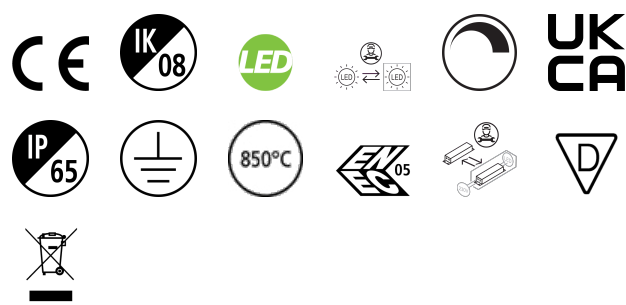


# Granit IP65 0-10V 19000lm 865 WB

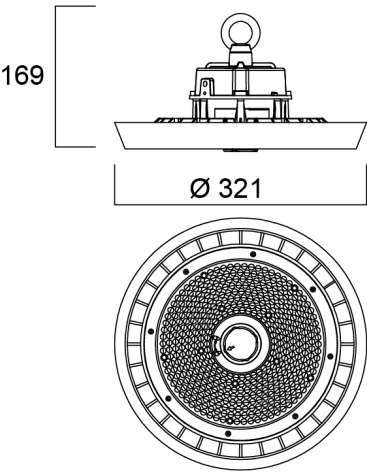
Item No: 0039599



Integrated LED highbay; Black aluminium housing; 19100Lm; 135 W; 141 Lm/W; 6500K; Drive current: 540mA; CRI 80; 85° beam angle; 0-10V dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 321 x 169 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.

## Technical Assets

### Dimensions (mm)

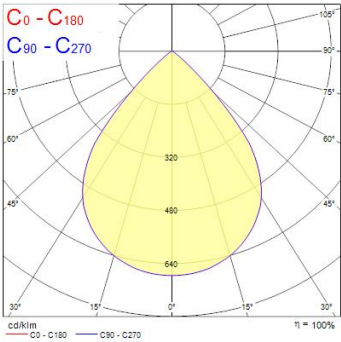


### Photometrics

|     |      |       |       |
|-----|------|-------|-------|
| 0.5 | 0.86 | E(0°) | 52156 |
|     |      | E(C0) | 11387 |
| 1.0 | 1.72 | E(0°) | 13042 |
|     |      | E(C0) | 2847  |
| 1.5 | 2.58 | E(0°) | 8796  |
|     |      | E(C0) | 1285  |
| 2.0 | 3.44 | E(0°) | 3280  |
|     |      | E(C0) | 712   |
| 2.5 | 4.30 | E(0°) | 2087  |
|     |      | E(C0) | 486   |
| 3.0 | 5.16 | E(0°) | 1448  |
|     |      | E(C0) | 316   |

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 81.4°)



# Granit IP65 0-10V 19000lm 865 WB

Item No: 0039599



## General data

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| Product name                            | Granit IP65 0-10V<br>19000lm 865 WB |
| Technology                              | LED                                 |
| Housing                                 | Aluminium                           |
| Mount                                   | Suspended                           |
| Fixture rating                          | Enclosed                            |
| General application                     | Logistics & Industry                |
| Operating temperature range (°C)        | -30°C...+50°C                       |
| Performance ambient temperature Tq (°C) | 25                                  |
| ETIM Class                              | EC001716                            |
| E-number FI                             | 4357009                             |
| Warranty                                | 5 years                             |

## Optical data

|                                   |            |
|-----------------------------------|------------|
| Useful luminous flux (Φuse)       | 19100      |
| Fixture luminous flux (lm)        | 19100      |
| Luminaire efficacy (lm/W)         | 141        |
| Correlated colour temperature (k) | 6500       |
| Light colour                      | Cool White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | SDCM3      |
| Beam Angle (°)                    | 85         |
| Glare control                     | < 25       |
| Photobiological Risk Group        | RG1        |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 135                         |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 1                           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10                          |
| Electrical protection                                            | Class I                     |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | 0-10V                       |
| Drive current (mA)                                               | 540                         |
| Inrush Current (A)                                               | 82.7                        |
| Inrush Duration (µs)                                             | 620                         |
| Energy Efficiency Class (A->G) of contained light source         | E                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                                  | 4                           |
| Max. products per 13A C Breaker                                  | 5                           |
| Max. products per 16A C Breaker                                  | 7                           |
| Max. products per 20A C Breaker                                  | 9                           |
| Max. products per 10A B Breaker                                  | 2                           |
| Max. products per 13A B Breaker                                  | 3                           |
| Max. products per 16A B Breaker                                  | 4                           |
| Max. products per 20A B Breaker                                  | 5                           |

## Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L80 B50 | 90000 |
| Lifespan L80 B20 | 70000 |
| Lifespan L80 B10 | 65000 |
| Lifespan L90 B50 | 45000 |

# Granit IP65 0-10V 19000lm 865 WB

Item No: 0039599



## Physical data

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | Black            |
| IP rating                     | IP65             |
| IK rating                     | IK08             |
| Diffuser finish               | Transparent      |
| Diffuser material             | PC Polycarbonate |
| Nominal Product Height (mm)   | 169              |
| Nominal Product Diameter (mm) | 321              |
| Weight (kg)                   | 3.46             |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288395999  |
| Packaging single length / height (cm) | 38.0           |
| Packaging single width (cm)           | 38.0           |
| Packaging single depth (cm)           | 18.5           |
| DUN14 (inner)                         | 05410288395999 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 38.0           |
| Packaging outer width (cm)            | 38.0           |
| Packaging outer depth (cm)            | 18.5           |

## Safety data

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 850    |
| Optimal operating condition (°C) | -30-50 |